

04-30-2003

RE: NOI 03-104 Power Line for Mobile Internet Wirless

Sirs:

This looks like a "Cheep & Dirty" way to provide Wide Band Internet to various areas of the WEB users who could have service via alternet service!

The "Dirty" mater of wide band spectrum noise, witch would be digital communications, but present it self as wide band RF noise to Commerical Communications between 500 kc to Mid Point of 60 Mhz would cause serious interfereance to HF Military, Commerical Marine HF SSB & CW radio, Broadcasters using MF, and HF both demostic and international. Ham Radio in the HF would also be adversely affected.

The Wide Band Computer Communications may only be of low levels, however the fact that even low levels of RF can travel 1000's of Miles in the 500 kc to 26 Mhz Band would cause interference at times to Emergency Communications for VLF / MF / HF Marine Radio.

There is a serious problem with harmonics of the Broad Band WEB communications even at micro levels causing interfearence to over the air Digital TV stations in the 54 Mhz to 216 Mhz Range.

It looks as if there are commerical intrests trying to provide a duplicated service that exists on Phone Line's & Cable TV in most areas today for web service.

Perhaps a Review of Current Unused radio frequencys for a more direct contact could be used.

Bad Idea, Dirty, Cheep, and a unwise move.

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No Spell Chack on this computer you may have to decode words and ABB's. Thanks

Dale Reich